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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 02/00252

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G06F 1/04, H03L 7/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H03L, G06F, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6194969 B1 (DOBLAR), 27 February 2001 (27.02.01), column 1, line 46 - column 2, line 32; column 8, line 62 - column 9, line 51, claims 1-10, abstract, Cited in Application --	1-10
A	WO 0171920 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 27 Sept 2001 (27.09.01), page 7, line 21 - page 9, line 24, claims 1-19, abstract --	1-10
A	WO 0070460 A1 (SUN MICROSYSTEMS, INC.), 23 November 2000 (23.11.00), claims 1-9, abstract --	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search 18 Sept 2002	Date of mailing of the international search report 24 -09- 2002
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. + 46 8 666 02 86	Authorized officer Roger Bou Faisal / JA A Telephone No. + 46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4282493 A (MOREAU), 4 August 1981 (04.08.81), column 1, line 1 - column 2, line 46, claims 1-17, abstract, Cited in Application --	1-10
A	EP 1139611 A2 (ALCATEL USA SOURCING), 4 October 2001 (04.10.01), column 10, line 54 - column 11, line 20, claims 1-20, abstract --	1-10
A	US 5974560 A (HOTTA ET AL), 26 October 1999 (26.10.99), column 4, line 15 - column 6, line 24; column 7, line 50 - column 8, line 58, claims 1-10, abstract -- -----	1-10

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